

Crafton Hills College
Consolidated Themes Suggested by Program and General Education SLOs and Potentially Applicable to Degree SLOs
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Source*	Program/Area	SLO	Suggested Theme 1	Suggested Theme 2	Suggested Theme 3
Prgm-Gen	Admin. Justice AA/Cert.	Demonstrate a command of the four basic skills: to read critically, to write clearly, to think analytically, and to speak effectively	Critical thinking	Written and oral communication	
Prgm-Gen	Art: AA	Practice safe working conditions.	Workplace skills		
Prgm-Gen	Art: 3D Animation	Work collaboratively on a team project.	Teamwork		
Prgm-Gen	Art: Comp-Assisted Graphic Des	Work collaboratively on a team project.	Teamwork		
Prgm-Gen	Bio: AA	Demonstrate critical thinking skills through analysis of experimental data then drawing conclusions, and making predictions based on evidence.	Critical thinking		
Prgm-Gen	Chem: AA	Collect, analyze, and articulate results clearly and effectively in speech and in writing in an acceptable style of presentation.	Critical thinking	Written and oral communication	
Prgm-Gen	CIS: AS	Apply analytical and logical thinking to gathering and analyzing information, designing and testing solutions to problems and formulating plans.	Critical thinking		
Prgm-Gen	CIS: AS	Work collaboratively in a team setting.	Teamwork		
Prgm-Gen	CIS: AS	Select and evaluate appropriate written communication strategies and styles for a specific purpose	Written and oral communication		
Prgm-Gen	CIS: 3D Animation	Work collaboratively in a team setting.	Teamwork		
Prgm-Gen	CIS: Cisco Cert. Net. Assoc.	Work collaboratively in a team setting.	Teamwork		
Prgm-Gen	CIS: Cisco Cert. Net. Assoc.	Apply analytical and logical thinking to gathering and analyzing information, designing and testing solutions to problems and formulating plans.	Critical thinking		

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Prgm-Gen	CIS: Programming	Demonstrate the ability to work collaboratively in a team setting.	Teamwork		
Prgm-Gen	CIS: Web Design	Demonstrate the ability to work collaboratively on a team project.	Teamwork		
Prgm-Gen	CIS: Web Design	Apply analytical and logical thinking to gathering and analyzing information, designing and testing solutions to problems and formulating plans.	Critical thinking		
Prgm-Gen	CIS: Webmaster I	Work collaboratively on a team project.	Teamwork		
Prgm-Gen	CIS: Webmaster I	Apply analytical and logical thinking to gathering and analyzing information, designing and testing solutions to problems and formulating plans.	Critical thinking		
Prgm-Gen	EMS: Med Tech I	Participate in a culturally diverse environment.	Diversity		
Prgm-Gen	EMT: Paramedic	Draw inferences and conclusions that are logical and supported by evidence.	Critical thinking		
Prgm-Gen	EMT: Paramedic	Communicate effectively verbally and in writing.	Written and oral communication		
Prgm-Gen	EMT: Paramedic	Apply knowledge to analysis of specific problems.	Critical thinking		
Prgm-Gen	EMT: Paramedic	Solve problems and make decisions.	Critical thinking		
Prgm-Gen	Firefighter I: Basic	Participate successfully in a culturally diverse environment.	Diversity		
Prgm-Gen	Firefighter I: Basic	Develop effective interpersonal communication skills.	Written and oral communication		
Prgm-Gen	Geology: AS	Students will be able to collect and analyze information and clearly articulate the results through their writing, speech or other acceptable style of presentation.	Critical thinking	Written and oral communication	

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Prgm-Gen	OCA: Office Asst. I	Develop the attitudes, maturity and professional skills necessary for positive and successful members of the workplace; demonstrate attributes necessary to obtain fulfilling employment; and practice researching career and educational pathways.	Workplace skills	Written and oral communication	Critical thinking
Prgm-Gen	Rad Tech	Problem solve, critically think, and communicate at a level to meet the demands of employers.	Critical thinking	Written and oral communication	Workplace skills
Prgm-Gen	Rad Tech	Display professional values and good ethical behavior	Ethics		
Prgm-Gen	Rad Tech	Continue personal and professional growth throughout their lifetime.	Life-long learning		
Prgm-Gen	Spanish: AA	Define the concept of culture, appreciate other cultures and interact with members of those cultures in relation to their own.	Diversity	Written and oral communication	Subject-area knowledge: Languages
Prgm-Gen	Speech: AA	Utilize information and technology in order to communicate more effectively.	Written and oral communication		
Prgm-Disc	Admin. Justice: AA/Cert.	Engage in scholarly activities to address issues of crime and justice affecting diverse populations in urban settings.	Critical thinking	Written and oral communication	Diversity
Prgm-Disc	Art: AA	Develop a habit of critical inquiry and research relevant to creative processes.	Critical thinking		
Prgm-Disc	Art: AA	Express an understanding of contemporary issues in arts through visual, written and spoken communication.	Written and oral communication		
Prgm-Disc	Art: AA	Demonstrate critical thinking in the analysis of both familiar and unfamiliar works of art.	Critical thinking		
Prgm-Disc	Art: Comp-Assisted Graphic Des	An understanding of the legal, ethical, and moral issues of media communication.	Ethics		
Prgm-Disc	Astronomy: AS	Display critical thinking skills by applying their general knowledge of scientific concepts as appropriate for courses in astronomy.	Critical thinking		

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Prgm-Disc	BioO: AS	Communicate biological ideas and processes clearly and precisely, both orally and in writing.	Written and oral communication		
Prgm-Disc	BUSAD: AA	Explain and apply the basic concepts of management and leadership.	Written and oral communication	Workplace skills	
Prgm-Disc	Chem: AA	Identify the basic areas of Chemistry that are appropriate to each Chemistry course. This content will allow students to continue in successive Chemistry courses, as well as relate the knowledge for matriculation and life-long learning.	Life-long learning		
Prgm-Disc	Chem: AA	Demonstrate critical thinking in Chemistry including interpretation, evaluation, explanation and critical inquiry; how to ask appropriate questions, gather relevant information efficiently and creatively, sort through this information, reason logically from this information and come to reliable and trustworthy conclusions.	Critical thinking		
Prgm-Disc	CD: AA	Develop strategies that promote partnerships between programs, teachers, families and their communities.	Critical thinking	Teamwork	
Prgm-Disc	CD: AA	Demonstrate ethical standards and professional behaviors that deepen understanding, knowledge and commitment to the EC/CD profession.	Ethics	Workplace skills	
Prgm-Disc	CD: Site Spvsr	Develop strategies that promote partnerships between programs, teachers, families and their communities.	Critical thinking	Teamwork	
Prgm-Disc	CD: Site Spvsr	Apply ethical standards and professional behaviors that deepen understanding, knowledge and commitment to the Child Development profession.	Ethics	Workplace skills	

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Prgm-Disc	CIS: Comp-Assisted Graphic Des	Demonstrate an understanding of legal, ethical, and moral issues of media communications.	Ethics		
Prgm-Disc	CIS: Programming	Demonstrate the ability to communicate effectively in technical and business environments.	Written and oral communication		
Prgm-Disc	Econ: AA	Analyze and evaluate economic events.	Critical thinking		
Prgm-Disc	Econ: AA	Analyze and evaluate economic policies and their effect on the society.	Critical thinking		
Prgm-Disc	Firefighter I: Basic	Solve problems and makes decisions inherent to the profession.	Critical thinking	Workplace skills	
Prgm-Disc	Geology: AS	Utilize critical thinking skills to interpret, apply and/or evaluate an Earth Science topic, such as the concept of scale.	Critical thinking		
Prgm-Disc	OCA: Office Asst. I	Develop the skills necessary for mature and grammatically correct business writing, e-mail distribution, and oral presentations.	Written and oral communication	Workplace skills	
Prgm-Disc	Phil: AA	When given a transcript of a hypothetical debate on an ethical issue, identify, discuss, explain and analyze philosophical assumptions and inconsistencies.	Critical thinking	Ethics	Written and oral communication
Prgm-Disc	Physics: AS	Display critical thinking skills by applying their general knowledge of the scientific concepts in courses in physics.	Critical thinking		
Prgm-Disc	Physics: AS	Establish critical thinking skills by solving mathematical problems as appropriate for courses in physics.	Critical thinking		
Prgm-Disc	Physics: AS	Exhibit basic laboratory skills and write a well-organized and informational lab report as appropriate for courses in physics.	Workplace skills	Written and oral communication	

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Prgm-Disc	Poli Sci: AA	Recognize, describe and analyze the significant and usually direct influence of social, economic and cultural factors on political behavior and beliefs.	Critical thinking	Diversity	
Prgm-Disc	RESP: AS	Make critical thinking decisions about the management of respiratory patients	Critical thinking	Workplace skills	
Prgm-Disc	RESP: AS	Communicate effectively to all personnel in respiratory care.	Written and oral communication		
Prgm-Disc	RESP: RERT	Comprehend, apply and evaluate clinical information relevant to their roles as an advanced-level therapist.	Critical thinking	Workplace skills	
Prgm-Disc	Speech: AA	Make informed, ethical choices regarding communication behavior.	Ethics	Written and oral communication	
Prgm-Disc	Speech: AA	Communicate effectively with individuals of diverse backgrounds.	Written and oral communication	Diversity	
Prgm-Disc	ThArt: AA	Demonstrate the ability to co-operate in a group situation with other students to collectively prepare, organize and produce work either as an actor, musician, dancer, performer, director, technician or designer.	Critical thinking	Teamwork	
Prgm-Disc	ThArt: AA	Analyze a play and describe how the basic elements of plot, character, theme and language are specifically handled to produce a particular dramatic style or dramatic effect and employ critical thinking skills to analyze dramatic literature and cultural context during class discussions and to prepare and produce written papers that demonstrate analytical skill.	Critical thinking	Written and oral communication	
Gen Ed	A. Natural Sciences	To apply problem solving strategy such as the scientific method or other systematic process of inquiry and to recognize the contribution of science and technology in the world.	Critical thinking		

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Gen Ed	B. Social and Behavioral Sciences	To recognize, describe and analyze individual behaviors and various social institutions that influence our world.	Critical thinking		
Gen Ed	C. Humanities and Fine Arts. 1. Humanities	To identify and evaluate the historical and cultural context of the human experience as it relates to his/her perspective of that experience.	Critical thinking		
Gen Ed	C. Humanities and Fine Arts. 2. Fine Arts	To appreciate the value of artistic expression and human creativity in the fine arts and evaluate them as part of human culture.	Subject-area knowledge: Arts		
Gen Ed	D. Language and Rationality. 1. Written Traditions	To write competently for a variety of purposes and audiences.	Written and oral communication		
Gen Ed	D. Language and Rationality. 2. Oral Traditions	To demonstrate oral communication skills, including speaking and listening to individuals of diverse backgrounds.	Written and oral communication	Diversity	
Gen Ed	D. Language and Rationality. Quantitative Reasoning.	To interpret quantitative reasoning and perform mathematical operations in an effort to demonstrate quantitative reasoning skills.	Subject-area knowledge: Quantitative reasoning		
Gen Ed	D. Language and Rationality. Critical Reasoning and Information Literacy	To access, analyze, synthesize, evaluate and use various forms of information.	Critical thinking		
Gen Ed	E. Health and Wellness	To appreciate one's own physical, mental and emotional health and demonstrate the knowledge and or skills associated with actions necessary for optimum health and physical efficiency	Critical thinking		

Source*	Program/Area	SLO	Suggested Theme 1	Suggested Theme 2	Suggested Theme 3
Gen Ed	F. 1. Diversity and Multiculturalism	To comprehend and appreciate cultural diversity, explore the multicultural nature of our world, and interact with other cultures in relation to one's own.	Diversity	Written and oral communication	
Gen Ed	F. 2. American Heritage	To recognize and appreciate the unique contributions, history and collective heritage of the United States.	Subject-area knowledge: American history		

Themes in Order of Prevalence

Theme	Freq.	Notes
Critical thinking	37	Includes critical reading, analysis, evaluation, and problem-solving.
Written and oral communication	25	Productive is more common than receptive in program SLOs.
Teamwork	11	
Workplace skills	11	Includes development of skills applicable or potentially applicable to the workplace.
Diversity	8	Includes human relations.
Ethics	7	
Life-long learning	2	Measurement would have to concentrate on <i>skills that facilitate</i> life-long learning, rather than life-long learning itself, which would be impractical if not impossible to track.
Subject-area knowledge	NA	Used here only for Gen Ed when no other theme appeared to apply; virtually all programs have SLOs that include subject-area knowledge.

Potential Additional Themes

Technology	Plays a role in General Ed Information Literacy and Natural Science; in programs such as Art, CIS, OCA, and Speech; and certainly in most students' lives, so it might warrant inclusion among degree SLOs.
Others?	What additional skills, knowledge, and other outcomes should every student who earns a degree, transfers, or takes a large number of diverse courses at Crafton Hills College demonstrate?

* Pgm-Gen: Generalizable program SLO; does not mention a specific discipline.

Pgm-Disc: Program SLO that does mention a discipline, but that contains themes similar to those found in one or more other discipline-specific SLOs.
Gen Ed: General Education SLO.